

LISTING OF PENDING CLAIMS

1. (Previously Presented) A computerized software installation and installation validation system comprising:

a database engine module for maintaining a first database, said first database having a first custom action table, said first custom action table having a plurality of action columns for specifying data corresponding to aspects of an installation action that may be taken as part of a standardized data-driven installation and at least one action row for representing an individual installation action taken as part of a standardized data-driven software installation; and

an installation engine module operative to read an action value from at least one action column of the action row and causing an action specified by the action value to be performed by a computer as part of a standardized data-driven software installation.

2. (Original) The system of claim 1, wherein the action value specifies an executable program.

3. (Original) The system of claim 1, wherein the action value specifies a dynamically loadable module.

4. (Original) The system of claim 1, wherein the action value specifies a script.

5. (Original) The system of claim 4, wherein the script is in a JavaScript syntax or a Visual Basic syntax.

6. (Original) The system of claim 1, wherein the first database further includes a first sequence table specifying an order in which to process the action.

7. (Cancelled)

8. (Cancelled)

9. (Previously Presented) A method for an installation program to install software comprising:

identifying an individual action stored within a database, the database having a first custom action table, said first custom action table having a plurality of action columns for specifying data corresponding to aspects of an installation action that may be taken as part of a standardized data-driven installation and at least one action row for representing an individual installation action taken as part of a standardized data-driven software installation;

reading the individual action from the database;
identifying a type for the individual action;
executing the individual action in a manner based upon the type for the individual action;
and
communicating the results of the execution of the individual action to the installation program.

10. (Previously Presented) The method of claim 9, wherein the type of the individual action specifies a dynamically loadable library and wherein executing the individual action includes loading a module from the dynamically loadable library.

11. (Previously Presented) The method of claim 9, wherein the type of the individual action specifies an executable program and wherein executing the individual action includes loading the program and causing the executable program to execute.

12. (Original) The method of claim 9, wherein the type of the action specifies a script and executing the action submits the script to an interpreter.

13. (Original) The method of claim 12, wherein the script comprises instructions in the JavaScript language or the Visual Basic language.

14. (Original) The method of claim 9, wherein executing the action causes the action to be stored in a table of actions to be deferred until a commit action is executed.

15. (Previously Presented) A computer comprising:
a processor;
a computer-readable medium;
a database engine module for maintaining a first database, said first database having a first custom action table, said first custom action table having a plurality of action columns for specifying data corresponding to aspects of an installation action that may be taken as part of a standardized data-driven installation and at least one action row for representing an individual installation action taken as part of a standardized data-driven software installation; and
an installation engine module operative to read an action value from at least one action column of the action row and to cause an action specified by the action value to be performed by a computer as part of a standardized data-driven software installation.

16. (Original) The computer of claim 15, wherein the action value specifies an executable program.

17. (Original) The computer of claim 15, wherein the action value specifies a dynamically loadable module.

18. (Original) The computer of claim 15, wherein the action value specifies a script.

19. (Original) The computer of claim 18, wherein the script is in a JavaScript syntax or a Visual Basic syntax.

20. (Previously Presented) A computer-readable medium having computer-executable instructions for performing the steps comprising;

identifying an individual action stored within a database, the database having a first custom action table, said first custom action table having a plurality of action columns for specifying data corresponding to aspects of an installation action that may be taken as part of a standardized data-driven installation and at least one action row for representing an individual installation action taken as part of a standardized data-driven software installation;

reading the individual action from the database;

identifying a type for the individual action;

executing the individual action in a manner based upon the type for the individual action;

and

communicating the results of the execution of the individual action to the installation program.

21. (Previously Presented) The medium of claim 20, wherein the type of the individual action specifies a dynamically loadable library and wherein executing the individual action includes loading a module from the dynamically loadable library.

22. (Original) The medium of claim 20, wherein the type of the action specifies an executable program and executing the action loads the program and causes it to execute.

23. (Original) The medium of claim 20, wherein the type of the action specifies a script and executing the action submits the script to an interpreter.

24. (Original) The medium of claim 23, wherein the script comprises instructions in the JavaScript language or the Visual Basic language.

25. (Original) The medium of claim 20, wherein executing the action causes the action to be stored in a table of actions to be deferred until a commit action is executed.

26. (Original) A computer-readable medium having stored thereon a data structure comprising:

a first data field containing data specifying a name of an action;

a second data field containing data specifying a source for the action; a third data field containing data specifying a target for the action; and

a fourth data field containing data specifying a type of the action, wherein during a predetermined data processing operation the action is read from the source specified by the second data field and submitted to an operating system component determined by the fourth data field and wherein the action is started from a location determined by the third data field.

27. (Previously Presented) A computerized software installation and validation system, comprising:

a database engine for maintaining a database comprising a custom action table having a plurality of action columns and an action row; and

an installation engine module operative to read an action value from one of said action columns and the action row and to cause a custom action specified by the action value for validating a portion of a software installation to be performed by a computer.

28. (Currently Amended) The system of Claim 27, wherein the action columns include a column containing data specifying a name of an action.

29. (Currently Amended) The system of Claim 27, wherein the action columns include a column containing data specifying a source for an action.

30. (Currently Amended) The system of Claim 27, wherein the action columns include a column containing data specifying a target for an action.

31. (Currently Amended) The system of Claim 27, wherein the action columns include a column containing data specifying a type of an action.